

ABSTRACT

The present invention relates to an improvement in the fan frame structure of an electrical fan, with the structure of the fan at least comprising a fan frame with a central part forming a socket for the fan, one fan wheel with a central axis and one motor mounted on the before mentioned socket, with the central hole taking in the axis of the fan wheel. Between the fan frame and its socket there is a supporting part. This supporting part is used to fix the position of the socket on the central part of the fan frame. The fan motor consists of a stator attached to the socket and a rotor connected to the axis of the fan wheel. On one side of the supporting part of the fan frame there is a desired area with collective-wire channel. The power cables of the motor can run through collective-wire channel. This allows the power cables of the motor to be easily inserted, fitted and secured onto the fan frame structure.